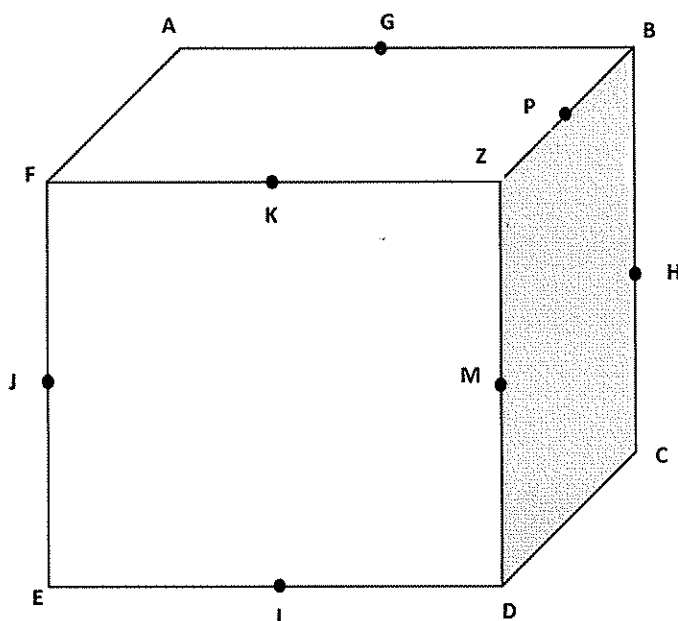


CROSS SECTIONS

Name: _____

Date: _____ Period: _____



Using the cube above, describe what the shape of the cross-section would look like if the plane that cuts it goes through the given points.

1. Through points : J, M, H

2. Through points: P, K, M

3. Through points: E, C, K, P

4. Through points: C, D, A, F

5. Through points: M, H, E

6. Through points: G, K, M, H

7. No matter what the original 3D figure, if you cut with a plane parallel to the base your cross section will always be _____.

Name: _____
 Date: _____ Period: _____

More Than One Way to Slice It

For each figure below, draw the 2-D shape that would result in cutting the 3-D figure in the different directions.

	Horizontal Cut (parallel to the base)	Vertical Cut (perpendicular to the base)	Diagonal Cut (from lower left to upper right)
